

INITIATION EDITION

TOIKE OIKE



TOIKE, OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.

Vol. XXII

THURSDAY, OCTOBER 16, 1930

No. 2

THE INITIATION

So much has been said lately about initiation that an article on that subject might at first thought seem unnecessary. Of such importance however, is the occasion considered by "School" in general, that this special edition of Toike Oike has made its appearance. Most of you have heard, through speeches and conversation, of the apparent attitude of the other years to the incoming class. Under such circumstances the apparent rather than the genuine attitude was almost bound to be foremost. It is then rather difficult, in a hasty speech from a soap-box, to cover the points we feel you should really stop and think about upon entering "dear old school".

You have been extended a hearty welcome—that was really genuine. Not until this time next year will you properly realize the amount of interest we take in sizing up the freshmen. We start the first day you appear to look for the "wide-awakes". In a year of the present size we should find plenty, and we believe we will. So much for that.

We want no man to enter "School" with an inflated opinion of himself. If he harbours such an opinion the treatment he receives is aimed to oust it. Those who are not so affected (or infected) will take it as a lot of sport as most of you seem to be doing. So you see we all start the year with a proper understanding of our position. No high school glory is credited to your "School of Science books". You start your account with one entry only—that is your own potentiality. So that is primarily the reason for the awful "riding" you are taking, and taking like sports too. But why, you ask is the administration of this gruelling entrusted to the sophomores. One might at first think that these fellows merely are getting recompense for what they got the year before. But it occurs to me that the real reason lies in this fact. The peculiar beneficiary consequences of this treatment is felt more strongly by the second year than by any of the other years. To the third and fourth years the memory of the good it did them has to a great extent faded. So that it is feared that they might neglect some of

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THE DEAN'S MESSAGE

Have you a clock?

Look it squarely in the face!

Ask yourself whether you have been fair with it—whether you have been fair with yourself the past fortnight since the term started.

There are twenty hours in the day. Most of you sleep seven or eight hours or should do so; call it eight. Most of you, whether in the First or Fourth Year, spend six or seven hours in lectures and laboratory work here at the University; call it seven. You spend an average of three hours for meals—breakfast perhaps only a half hour.

Total for sleep, work and meals, eighteen hours.

What do you do with the remaining six hours of the twenty-four?

Let us go back to the six or seven hours of "work" at the University. May I suggest that you give that part of the day some thought and try to visualize just what proportion of those hours is employed in actual concentrated, effective work, either in thinking or in doing. Would it surprise you if, on analysis—honest analysis—you discovered that not more than a third, or perhaps only a quarter of the time was genuinely concentrated and effective? That would measure the effective working day more in minutes than in hours.

Now look at the clock again and try to integrate your really effective working periods in the day.

Two weeks have gone by since the Term commenced. I ask you, please, to think about what you have accomplished of the work you came here to do this Session. In two weeks' time you ought to be a good way around the first lap. My own observation at football matches is that the first quarter discloses the result—it certainly did last Saturday.

Look at the clock once more. I hope it is not an eight day clock but a twenty-four one so that every day as you wind it, you may come face to face with it and think about what you have accomplished since last you met.

C. H. MITCHELL.

THEY WERE FRESHMEN ONCE

PROFESSOR COCKBURN CITES
SOME GOOD EXAMPLES FOR 3T4

In several respects the present session is a notable one.

The total attendance of students in the Faculty of Applied Science and Engineering has for the first time passed the 840 mark and the present First Year is second only in numbers to the enormous class of 401 students that entered the "School" in the fall of 1919; generally known as the class of '23.

It is also anticipated that on the 7th, 8th and 9th of November of this year the greatest of "School" reunions will be held.

The present concern of the Second Year seems to be to see that the members of the First Year acquire a proper sense of the honour and privilege of belonging to the great fraternity who shout Toike Oike.

At such a season it should be interesting and inspiring to the men of all years to learn something of the graduates the first of whom was J. L. Morris, the sole member of the graduating class of 81.

How much do the undergraduates know of such graduates as J. H. Duggan, President and Chief Engineer of the Dominion Bridge Co. T. Kennard Thomson, Consulting Engineer, New York, and one of the greatest authorities on foundations. J. L. R. Fairbairn, Chief Engineer of the Canadian Pacific Railway and for some time President of the Engineering Alumni of the University of Toronto. F. A. Gaby, Chief Engineer of the Hydro Electric Power Commission of Ontario, and a host of others equally illustrious.

J. R. C.

FROSH ELECTIONS

The Frosh Elections are over! Not a single fight, no heckling of candidates, no loud cries of "Score" maned the peace and quietness of S38 on Nomination Day—Friday afternoon. Even the jokes were of the type usually associated with dear old U.C.

Here's the line-up:—

Pres., J. A. MacFarlane
Vice-Pres., Fraser McIntyre
Sec.-Treas., Clarence Tyson
Athletic Rep. Harold Mason
Debating Club, Cyrille Laurin

The Toike Oike

Devoted to the interests of the Under-graduates of the Faculty of Applied Science.

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EDITORIALLY SPEAKING

Toike Oike has decided to take itself seriously. Not too seriously, of course, but now that the "Varsity" is well under way the campus is sufficiently inundated with foolishness to warrant our holding back a little.

And so we start with an increase in the number of editions. Not drastic, but enough to prevent reported events from being ancient history, and planned events from being shrouded in a veil of secrecy. In the past, with the exception of the one organized trip in the fall, most club activities have been practically stagnant, especially for the lower years. If the club executives devise their programmes and announce the joyful tidings, the masses might respond. With this fond hope we incorporate a few remarks by club chairmen.

3T4 elections were held this week, and it is notable that the campaign featured those persuasive attendants of the Hart House melées—candy and blotters. This is a practice of questionable value, and an innovation around School, especially for the First Year. In so far as it gives us something for nothing, it's a grand idea; but in so far as it seems to get the best man elected it should be discontinued. It doesn't take much ability to distribute blotters

saying "Vote for Me"; but it takes considerable to stand on your hind legs and give intelligent reasons why you'd fit the office. And that is the only way, in the First Year, that the electorate can size you up. Let's have more larynx and less largesse in future.

The tie-cutting season is over with no casualties. That's only 3T4's good luck, for some of the ardent Sophs have been known to use hunting knives of no inconsiderable dimensions. As long as the accosted frosh has the sense not to resist all goes well, but if a lad of extra spirit starts a scuffle the odds are all in favour of his assassination. A few of the more kindly and provident Sophs equipped themselves with scissors. That greatly facilitates the operation, and is somewhat safer. A much better plan, however, and one far more potentially exciting, would be for all Sophs to vow that no green tie shall suffer by so much as a soup stain. This would have a two-fold beneficial result in that the Freshman would be very careful of his table manners, and the Soph would have the chance to trim any other Faculty which might be so unwise as to desire a sample of green. And the sum total would be a strengthening of the traditional School Spirit.

ROWING

With plenty of good material turning out every night on the machines at Hart House, the chances of "School" retaining the rowing championship of the University appear to be good.

However, Dents and Trinity and also U.C. and Vic are turning out men who appear to be strong enough in the back and weak enough in the mind to make good oarsmen, which means that School can't afford to fool.

All School oarsmen must make a point of being in the rowing room at 5.20 every night as crews are now being picked and it is essential that they get some practice in rowing together before going out on the water next Saturday.

J. M. BOYD,
Manager.

ELECTRICAL CLUB

This year an extensive programme has been planned by the executive. This includes several social gatherings at which men prominent in engineering work will speak. There will also be one or two trips made by the club to power plants and manufacturing companies.

To make all this possible requires the co-operation of every man in department 7, so come on, men and back up your representative and help make this year the biggest and best.

M. H. BROUWERS,
Club Chairman.

BRULE LAKE

Schoolmen are particularly interested in rowing due to the fact that they have always won the Interfaculty Regatta and also that half of the Intercollegiate crew are made usually of schoolmen. It is with interest then that schoolmen have followed the slow progress of Brule Lake and the weak and pitiful efforts of our city council to do something about it.

As you probably know the Brule Lake course was to be built in the Humber valley from the water front to Bloor street. This would give a watercourse one and a half miles long that would be practically unequalled in the world. There, one would find sheltered water for the oarsmen and natural grandstands covered with grass and trees for the spectators that would give an uninterrupted view of the race from start to finish.

There were twenty thousand people straining their necks to see Varsity and McGill fight it out at Lachine two weeks ago. If this event were rowed on Brule Lake there would be two hundred thousand view the race with comfort.

The McGill-Varsity Boat Race has become the most important and talked of boat race in Canada today and it is time that the University authorities and students brought a little pressure to bear upon the city fathers in order to bring this rowing classic to Toronto.

W. E. ALGIE.

THE M & M CLUB

The Mining and Metallurgical Club has a reputation to uphold. For several years past we have been forging steadily ahead under excellent leadership and support of faculty, graduates and undergraduates. This culminated last year in the most successful one that the club has ever had in every respect with Bert Robinson at the helm. We have gained the reputation of being the most aggressive undergraduate club in the faculty.

Members of the Mining and Metallurgical Club, this reputation must be upheld. This can only be done by co-operation and support. The first club smoker will take place soon. On October 30th we have our annual trip which is always such an enjoyable event. During the winter we will have dinners at which interesting speakers will address the club. The executive asks for your usual hearty support that its achievements may even surpass those of last year.

J. H. E. DOYLE,
Club Chairman.

First Co-ed—"John's moustache makes me laugh."
Second Co-ed—"Tickled me too."

MECHANICAL CLUB NEWS

With almost two weeks of another "year" already passed away, members of the Mechanical Club have, no doubt, settled down to the new routine of lectures and labs.—not to mention the many other activities which claim our attention and time. No doubt most of us spent the greater part of the five months "vacation" in more or less close contact with the actual realities of industrial production and are glad enough to return again to ponder over the more theoretical phases of engineering practice. However, we hope that not too many of us had as our sole purpose the weekly accumulation of that required 1600 hours.

We welcome the 81 new members of the club still wearing the remains of their once beautiful green ties; and we assure them that while they may not now see what the subjects on their curriculum have to do with the designing of automobiles or even kiddy-kars, still before they get out of fourth year they will have received as sound an engineering training as is obtainable in these parts; and they will at least know what all those scales on their polyphase duplex are put there for.

And now a word as to the activities of the club. Our executive has recently been completed as follows:—

Hon. Chairman, Prof. R. W. Angus;
Hon. Vice-Chairmen, Prof. E. A. Allcut, Prof. R. Taylor;
Chairman, J. M. Boyd;
Vice-Chairman, J. N. Franklin;
Sec.-Treas., F. F. Dyer;
4th year Rep., W. E. Algie;
3rd year Rep., E. W. Benjamin;
2nd year Rep., R. A. Baker;
1st year Rep., G. B. Lint.

Next Friday 3T1 Mechanicals will again journey forth accompanied by departments 1 and 7 to see what makes the generators go 'round at Queenston and Niagara Falls. This promises to be an exceedingly interesting trip and full arrangements have been completed for a comfortable bus trip, a good meal and plenty to see.

Thursday, October 30, has been set aside as the day on which all members of the club will visit various industrial plants as can be most suitably arranged by the executive.

For the purpose of financing the activities of the club throughout the year, the executive has decided upon a club membership fee of 50 cents to be paid to your year representative.

J. M. BOYD,
Club Chairman.

"The ladder of life is full of splinters, but they always prick the hardest when we're sliding down."

—W. L. BROWNELL

(Continued from page 1)

the subtle little touches that the Second Year so thoughtfully and understandingly bestow.

No doubt you have heard of "School" initiations. We go to considerable trouble, expense and mental acrobatics to embody in these affairs the various ingenious little artifices which go to make the evening so enjoyable. However, there is really nothing to fear as the freshmen are given the utmost consideration. At any rate everyone puts in his appearance and never after regrets it. Those who fail to do so generally are visited by some remorse soon afterwards.

Then comes the fun at Hart House. We have refreshments served in the Great Hall and generally some members of the faculty are kind enough to express sympathy and condolence after the ordeal of initiation.

So our advice is to come off your "high-horse", if you are on one, and take all the fun as it is meant. We are the only faculty on the campus in which a genuine spirit of comradeship exists to the extent that it does here. The writer actually believes that a great part of it is due to the initiation. We will therefore see to it that no one is neglected in this respect on Thursday night—and how!

STEW BALL,
Pres. 3T3.

SCHOOL SOCCER

For the past three years School has been nosed out of the coveted trophy by a very narrow margin, Knox being the victors in each case.

This year, it is sincerely hoped, will be different. From a large turn out of Freshmen and a few of the old standby's a very promising and formidable team should develop.

We have at present over two dozen men fighting for places on the XI and, if we succeed in staying in the running we shall certainly give as many men as possible, provided they are keen and turn out to practise regularly, a chance to play at least one game. This will make it possible to enter two teams in the league next year of which procedure we are assured if present interest is maintained.

The first game of the series vs Dents was played on Tuesday afternoon and was won to the tune of 3:0. The turnout of supporters was, to say the least, not preposing.

The second game vs U.C. is scheduled for 4 p.m. this afternoon (Thursday) and a good crowd of rooters is requested.

We are contesting to regain the cup for you SO GIVE US YOUR SUPPORT.

J. N. FRANKLIN,
Manager.

VACATION DAYS

Versions by Various Schoolmen

Bert Tyson—fulfilling in part the object of the "mile of nickels"

Jim Boyd—rowing and oscillating with the Turnbull Elevator Co., in his spare time.

Bruce Hardy—feeding flies at Coral Rapids, somewhere north of Cochrane.

John Franklin—with the Abitibi at Sault St. Marie.

Spence Jewett—climbing for the Bell.
Bev Webster, Larry Kay—at Burks Falls.

Ev. Bowerman—spending 35 hours trying to break his neck at Camp Borden, and golfing between tries.

Max Hendrick—carrying Mr. Bowerman's club.

Jack Fisher—with the T. & N.O.

Nat Ward—getting a change of air in England.

Ted Beament—ruminating in the restful atmosphere of Goldie—McCulloch.

THE RIFLE ASSOCIATION

The rifle association has got off to a good start this fall with several practises at the Long Branch Ranges, in preparation for the Intercollegiate and Interfaculty matches which will be shot on Friday, October 17, winding up the outdoor shooting for this year. It was planned to shoot them a week later, but a close-down of the ranges necessitated a change of date.

In the years previous to 1928, the School teams allowed Dents and other heathen to carry off the interfaculty honours, but for the last two years they have made a clean sweep of both the outdoor and indoor shooting, as the presence of the Mitchell Cup and DeLury Shield in the School buildings during that period will testify. This year, they are out for greater honours, and intend to take the Intercollegiate Championship into camp.

In the matches, everyone shoots and the highest 10 scores make the Intercollegiate team, while the highest 5 from each faculty constitute the Interfaculty teams. Besides this, Sweepstakes are shot at two bits a throw, and a good cash prize list is the result.

To accomplish our high aims this year, every available Schoolman is needed. If you can shoot, or think you can, or if you know damn well you can't, come out anyway.

Indoor shooting in the Hart House Ranges will start after Thanksgiving, and continue throughout the winter. The Association fee of two dollars, includes the use of a rifle and plenty of ammunition, and a darn good time. Come on FROSH! Come on EVERYBODY!

WE REGRET THE FACT

That contrary to our own desires we have been obliged to make known to the public the complete procedure to be adopted during the initiation ceremony of Thursday evening. Owing to the timidity with which some of the Freshmen are approaching the event, the Council on Initiation Affairs deemed it advisable that the following be published. Except for a few minor, and as yet tentative details, this is a true declaration of the manner in which the initiation will be conducted.

The Freshman will present himself, clothed in no more than is necessary to cross the street between the Engineering building and Convocation Hall. A barrel is particularly acceptable in view of the fact that it may be broken up and used to advantage in the events that follow. The Freshmen are urgently requested to co-operate to this small extent if at all possible. Upon arriving at the draughting room the participant will be effectively blinded by a small strip of adhesive tape, so placed as to make the opening of the eyelids impossible. He will then be lifted, by an arrangement of tackle, to a height of about 20 feet above the floor. A quick release mechanism will allow him to be precipitated suddenly to a spring platform inclined at 45° to the horizontal. If the computed values of velocity and coefficient of restitution are accurate to within 10%, the subject will land squarely in a tub of luke warm water. Allowing for inaccuracies in adjustment, the approach to the tub will be slanted so as to insure immersion. Upon scrambling out of the water he will be dried by rolling in a bed of charcoal, finely divided. In case this does not prove as effective as anticipated the participant will receive an application of blacking, a substance especially prepared by members of Department 6. The nature of this ointment we do not feel it compulsory to divulge. This will render each man free from identification so that no partiality can be shown friends. A generous application of some wholesome soap will be applied to the head to make the shaying as painless as possible. Several additional features have been submitted to the committee but it was felt, that with the numbers taking part, a longer programme would make it impossible to do things with the thoroughness that is desirable. As a grand finale, however, we have arranged the "Giant Swing" in which the happy Freshman will be ejected, by a spring board catapult, some ten feet into space, and will, if properly aimed, alight on a feather tick, where he will be served with hot coffee and crackers.

Hoping this arrangement will meet with unanimous approval,

J. S. BALL

SCHOOL DINNER

The School Dinner has been very fortunate this year in securing Mr. E. W. Beatty, President of the Canadian Pacific Railway, to speak at the Dinner. The committee hopes to follow last year's policy of greatly reducing the price of tickets and so again hopes for a bumper attendance. The date this year is Tuesday, December 2.

THE ARCHITECTURAL CLUB

The Second, Third, and Fourth years in architecture returned on Monday, October 6th from a sketching trip at Gull Lake. After a profitable week in the wilds the party was ready to extend an enthusiastic welcome to eighteen Frosh.

Sometime during November the club intends to hold its annual Banquet where Grads. mingle with Undergrads. and good cheer prevails.

Around Christmas the annual At-Home will be held. Last year the dance was extremely successful and this year we hope to make it bigger and better than ever.

Our social activities will be interspersed with talks on interesting subjects by prominent architects and engineers of the city.

Throughout the year we will do our best to uphold the spirit of old "School".

GORD. FOWLER,
Club Chairman.

CIVIL CLUB

With the commencement of another year there has gathered in the Red School House a group of new faces as represented in our "Freshmen" year. On behalf of the Civil Club may this message extend to you our most hearty welcome, and trust that you will find in us an enthusiastic desire for co-operation on all matters pertaining to school and Civil Club programme for this year.

Just a word concerning the Civil Club trip on October 30th. If arrangement can be made the Civils will motor to Buffalo for the purpose of inspecting the Bethlehem steel plant. The various club trips are considered by the Faculty as one of the essential parts of the year's course, and it is to be hoped that as many as possible of the Freshmen as well as the upper years, will avail themselves of this opportunity. Besides being a day of educational value it is also a day of pleasure, the pleasure of associating with a group of "Schoolmen".

Sincerely,
W. R. EDMONDS,
Club Chairman.

INDUSTRIAL CHEMICAL CLUB

This year the club will follow the usual programme of previous years, which for the benefit of the new members consists of monthly meetings in the form of smokers, the annual club excursion, and the annual club dinner in the spring.

The smokers, which are held in Hart House, afford an opportunity for all the chemicals to get together, get better acquainted and at the same time enjoy an instructive evening. Interesting chemical subjects are presented by recent graduates of our department or other professional men engaged in chemical industries. There is also a musical programme and a luncheon in the Great Hall at the conclusion of the meeting.

Everyone turns out for the annual excursion which will take place this year on Thursday, October 30th. On these trips there is the usual amount of fun and rivalry (not revelry) between the years, besides the splendid education gained in seeing chemical industries in operation.

For the club dinner in the second term, every effort will be made to secure an exceptionally good speaker. In the past we have been fortunate to have men at our gatherings whose experience and training have been an inspiration to us all, and we trust that the speakers this year will be equally as good.

R. WILLIS,
Club Chairman.

COPY

When the Muse looks over your shoulder, or you crack more wise than usual, let Toike Oike have it, that your inspiration may not perish but live forever in Schoolmen's memory. See your year representative named in the Mast Head. Serious or facetious, wise or otherwise, don't be bashful, hand it in.

ODE TO WARREN BOWES

The gum-chewing boy
And the cud-chewing cow
Are somewhat alike
But different somehow,
What difference?
Oh, yes, I see it now;
It's the thoughtful
Look on the face of the cow.

FROSH—SOPH

"The sublime and the ridiculous are often so nearly related that it is difficult to class them separately. One step above the sublime makes the ridiculous, and one step above the ridiculous makes the sublime again."

—THOMAS PAINE